

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference WJN/P35052WO	FOR FURTHER ACTION <small>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</small>	
International application No. PCT/GB2004/005182	International filing date (day/month/year) 09/12/2004	(Earliest) Priority Date (day/month/year) 12/12/2003
Applicant THOMAS SWAN & CO. LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☐ Unity of invention is lacking (see Box III).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. _____

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/GB2004/005182

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01J9/00 G02B27/46 G02B26/06 G06E3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01J G02B G06E

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	VORONTSOV M ET AL: "ADVANCED PHASE-CONTRAST TECHNIQUES FOR WAVEFRONT SENSING AND ADAPTIVE OPTICS" PROCEEDINGS OF THE SPIE, vol. 4124, 2000, pages 98-109, XP002320973 BELLINGHAM, US page 99 - page 101; figure 1	1-18
A	CROSSLAND W A ET AL: "HOLOGRAPHIC OPTICAL SWITCHING: THE "ROSES" DEMONSTRATOR" JOURNAL OF LIGHTWAVE TECHNOLOGY, vol. 18, no. 12, December 2000 (2000-12), pages 1845-1854, XP002320974 USIEEE. NEW YORK figure 1	1-18
A	US 6 570 143 B1 (NEIL MARK ANDREW AQUILLA ET AL) 27 May 2003 (2003-05-27) abstract; figures	1-18



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

14 March 2005

Date of mailing of the international search report

01/04/2005

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/005182

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6570143	B1	27-05-2003	
		DE 69901516 D1	20-06-2002
		DE 69901516 T2	10-10-2002
		EP 1123491 A1	16-08-2001
		ES 2174641 T3	01-11-2002
		WO 0017612 A1	30-03-2000
		JP 2002525596 T	13-08-2002